

FIG. 1

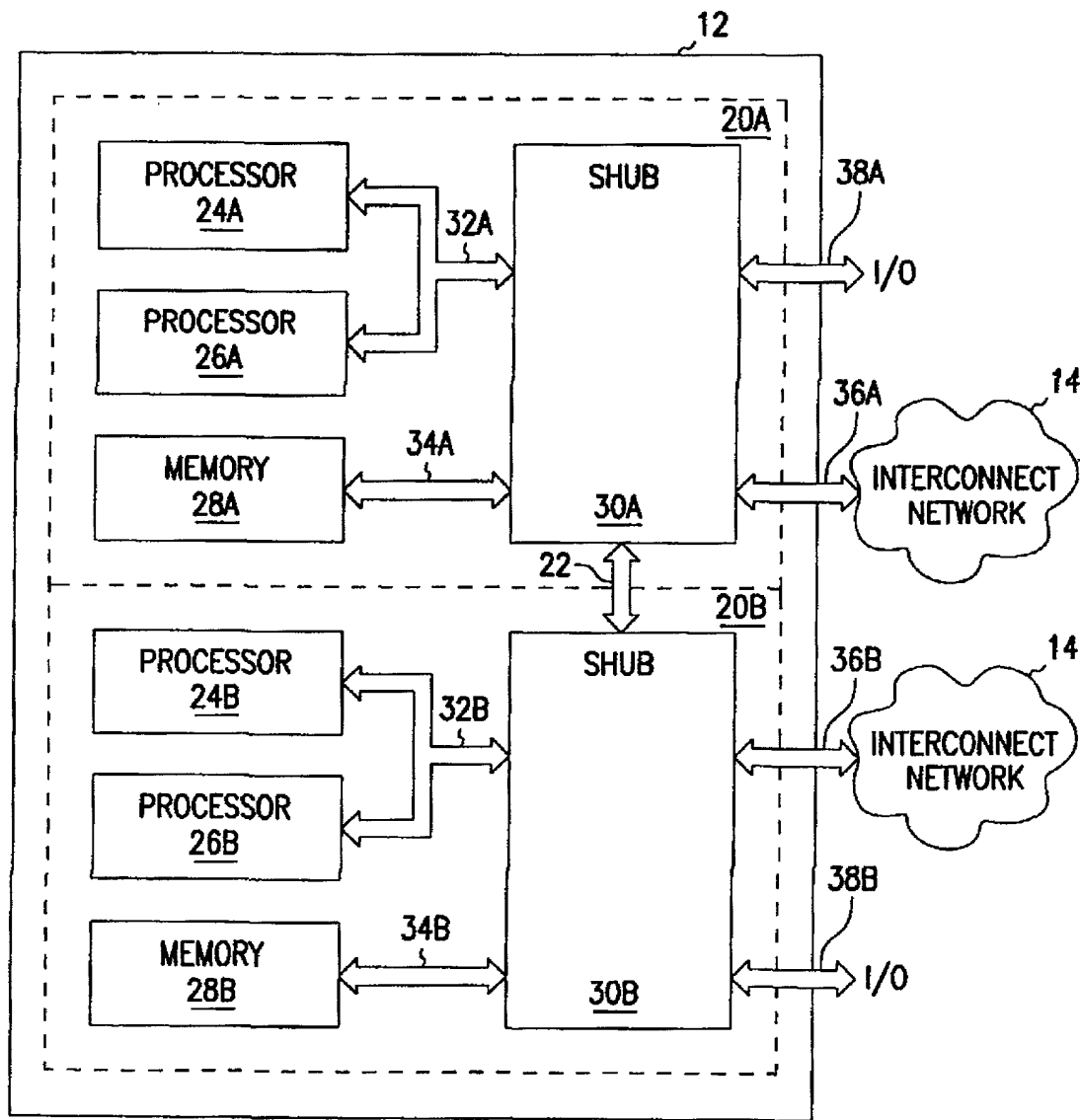


FIG. 2

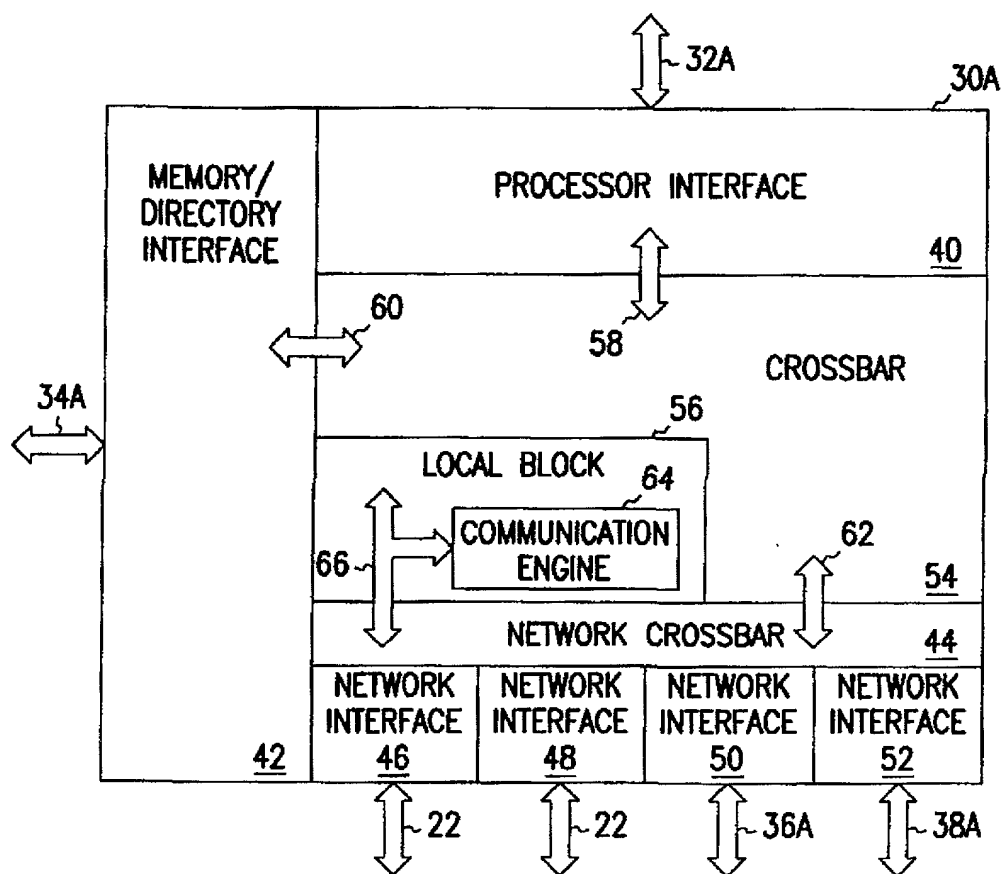


FIG. 3

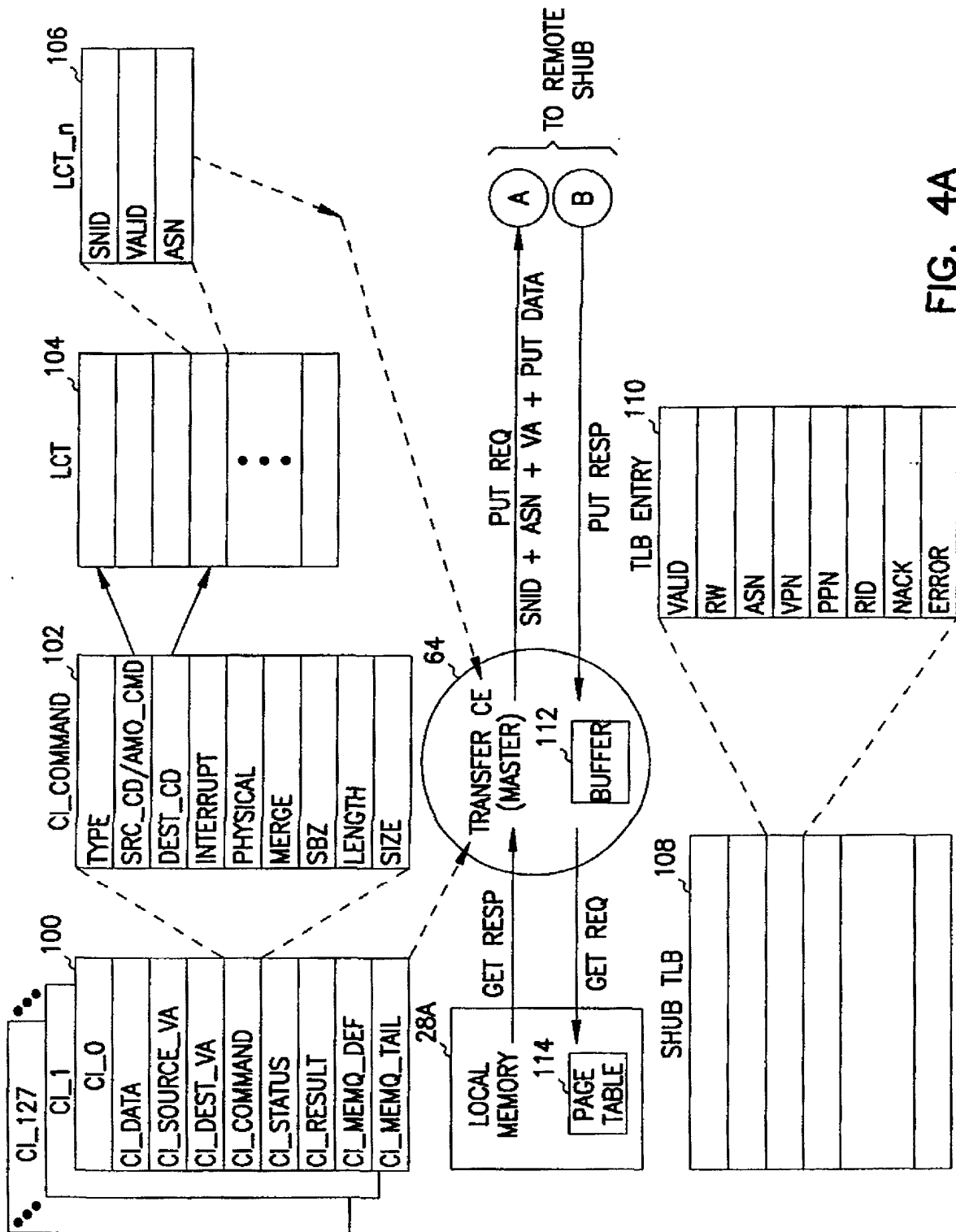


FIG. 4A

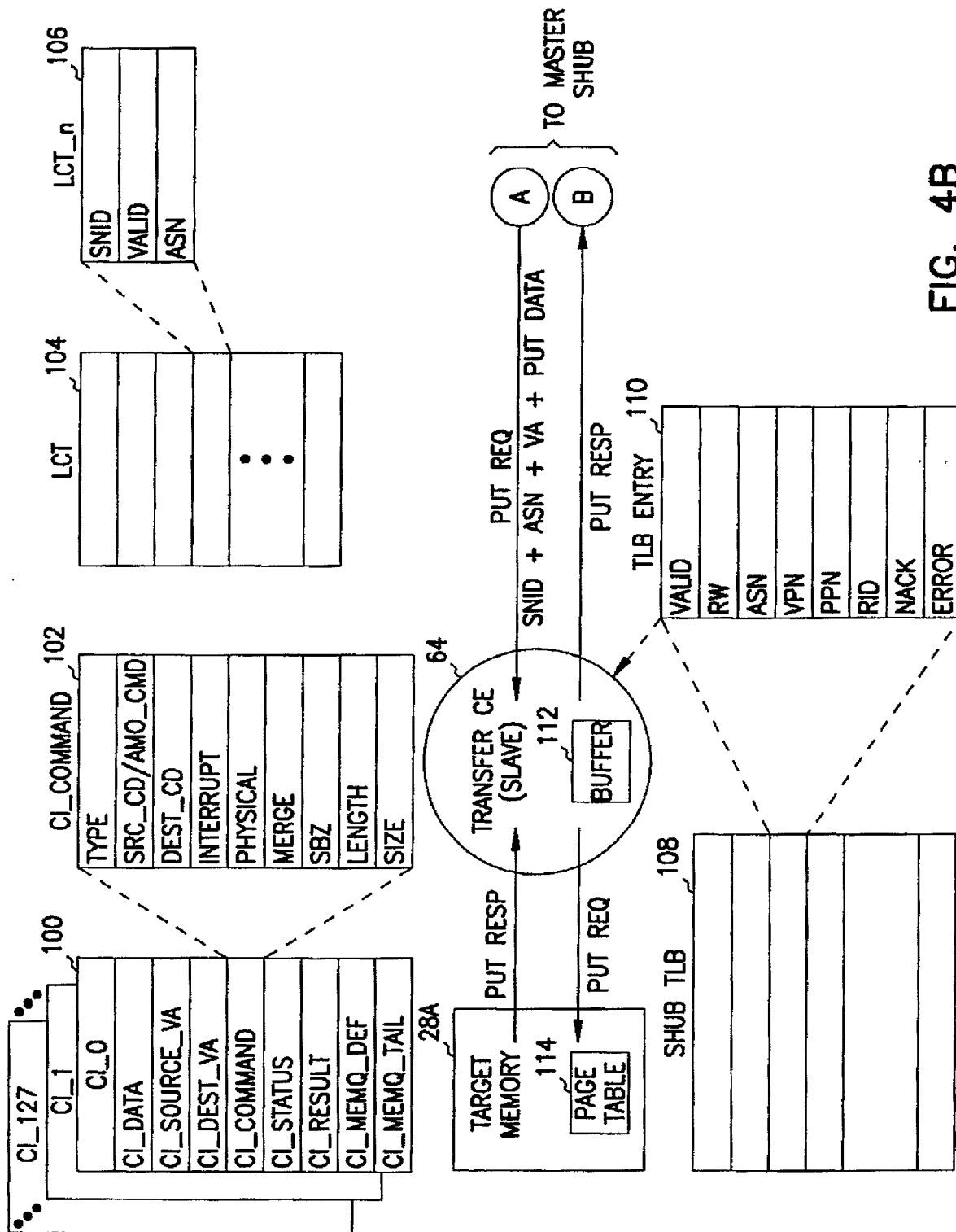


FIG. 4B

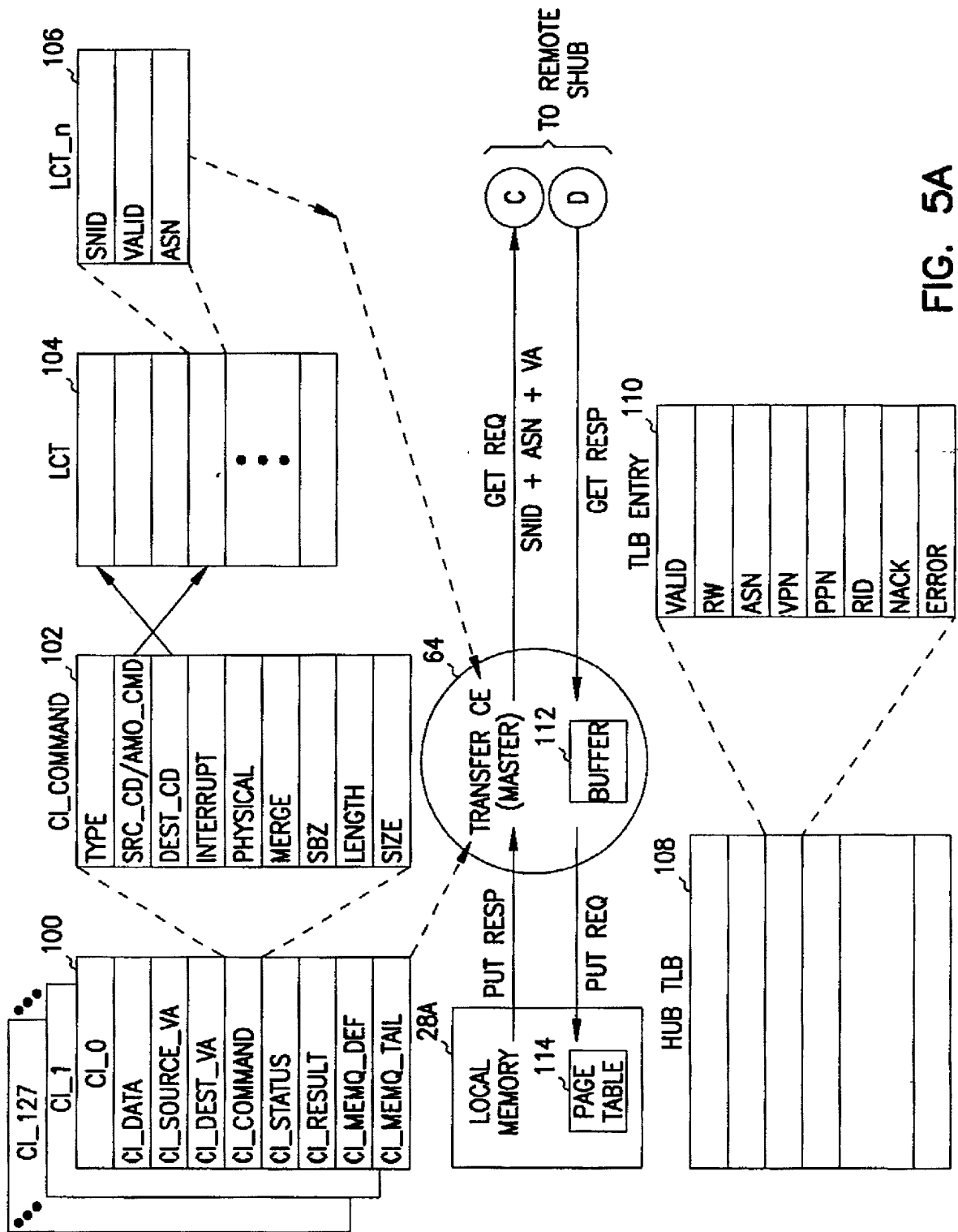


FIG. 5A

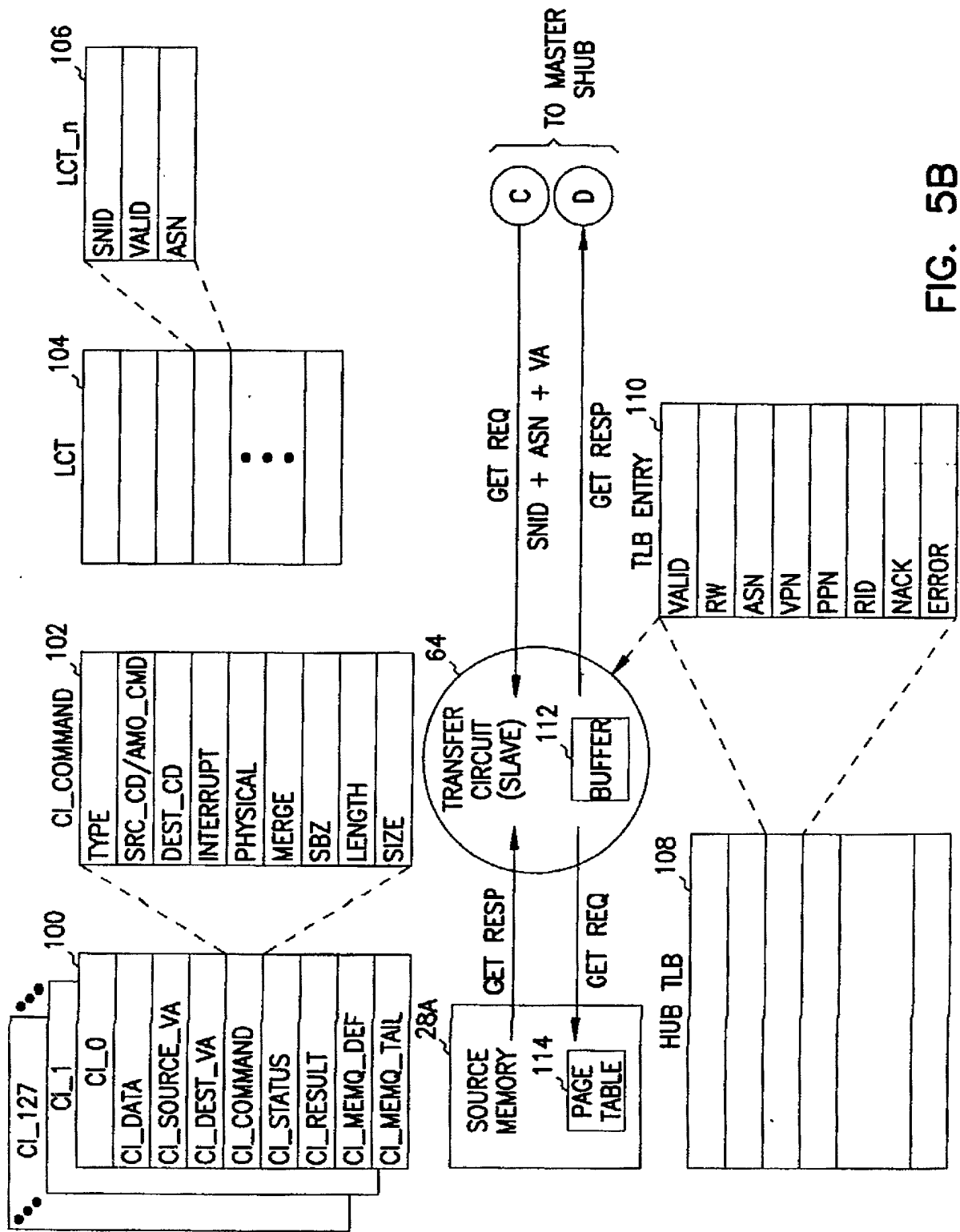
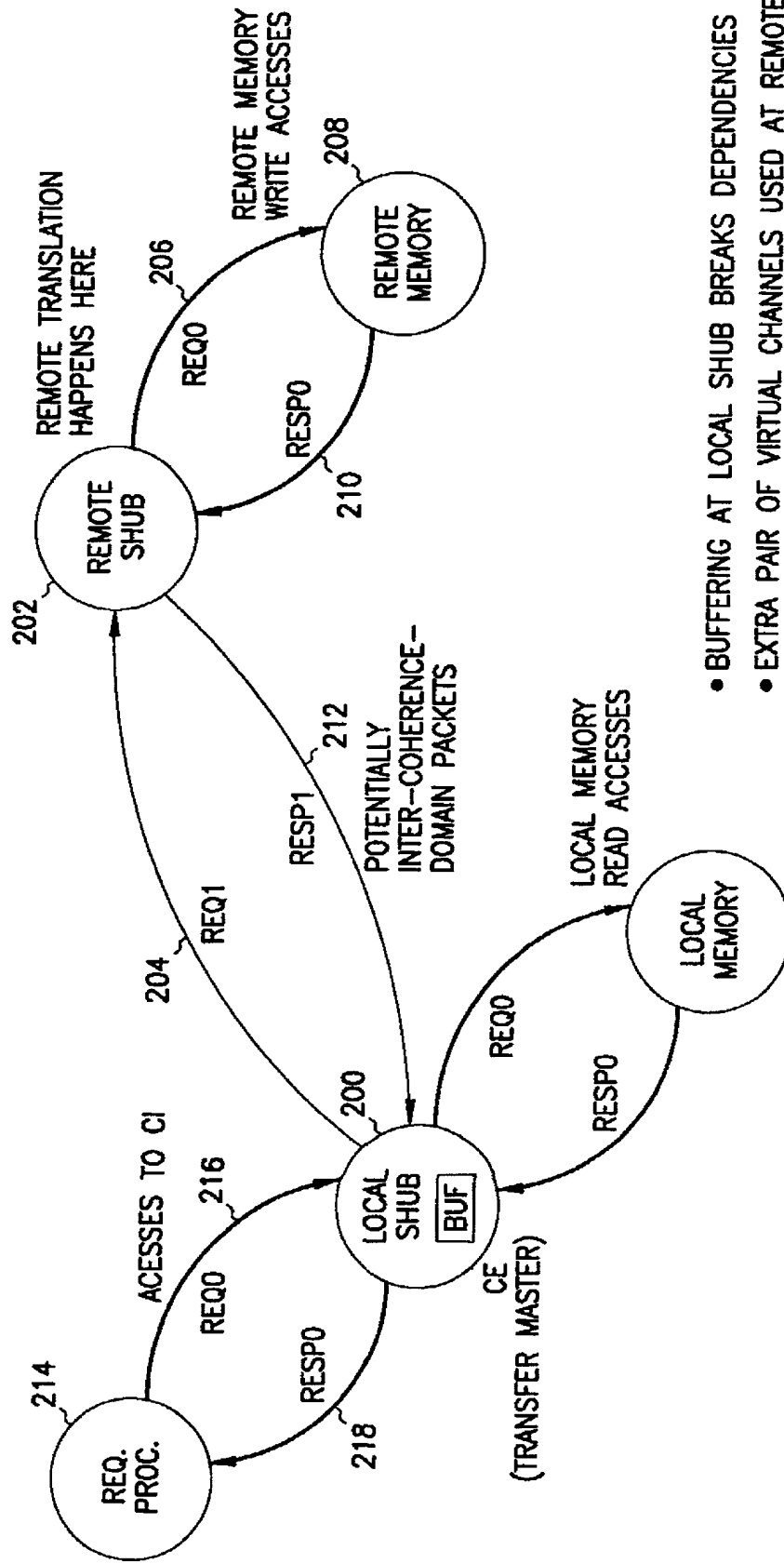


FIG. 5B



- BUFFERING AT LOCAL SHUB BREAKS DEPENDENCIES
- EXTRA PAIR OF VIRTUAL CHANNELS USED AT REMOTE SHUB TO AVOID CYCLIC CHANNEL DEPENDENCIES

FIG. 6